



Verizon Communications  
1300 I Street NW, Suite 400W  
Washington, DC 20005

February 28, 2002

**Ex Parte**

William Caton  
Acting Secretary  
Federal Communications Commission  
445 12<sup>th</sup> St., S.W. – Portals  
Washington, DC 20554

*RE: Application by Verizon-New Jersey Inc. for Authorization To Provide In-Region,  
InterLATA Services in State of New Jersey, Docket No. 01-347*

Dear Mr. Caton:

In response to the CCB staff's request for information regarding which rate elements are applied under the new New York UNE rates and New Jersey UNE rates, Verizon is providing the enclosed. Please let me know if you have any questions. The twenty-page limit does not apply as set forth in DA 01-2746.

Sincerely,

A handwritten signature in black ink that reads "Clint E. Odom" followed by a stylized flourish or initials.

Clint E. Odom

Enclosures

cc: A. Johns  
S. Pie  
R. Kwiatkowski  
D. Shetler  
R. Lerner

# Unbundled Call Scenarios Verizon South

Updated: 01/10/2002

## UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

The following diagrams represent a series of Verizon South call scenarios involving end users whose local service is provided by a UNE CLEC. Each diagram indicates a) who owns the call (Verizon, IXC or CLEC), b) which UNE CLEC (if any) receives the DUF (Daily Usage File) record, and c) what unbundled usage rate elements (if any) Verizon bills, and to which UNE CLEC. The tables below provide a key to the labels found in the diagrams.

### End User Labels

VZSEU = Verizon South End User  
AEU = CLEC A End User

### Switch Entity/Element Labels

VZSEOS = Verizon South End Office Switch  
VZSTS = Verizon South Tandem Switch  
VZSLP = Verizon South Line Port  
ALP = CLEC A Line Port  
STP = Shared Trunk Port  
IXC POP = Interexchange Carrier POP

### Unbundled Usage Charge Labels

ULSO = Unbundled Local Switching Charge - Originating - Per MOU	CRIS
ULST = Unbundled Local Switching Charge - Terminating - Per MOU	CRIS
UTS = Unbundled Tandem Switching Charge - Per MOU	CABS
UCTF = Unbundled Common Transport Charge - Fixed - Per MOU	CABS
UCTPM = Unbundled Common Transport Charge - Per Mile per MOU	CABS

## UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

A-1

### DIRECT DIALED INTRALATA

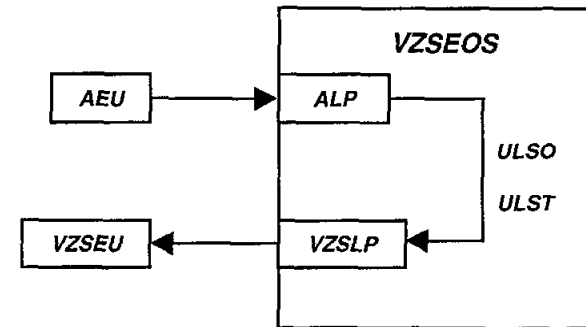
Local Intra-Switch Call

From UNE CLEC A End User

To Verizon South End User

In this scenario UNE CLEC A owns call \*, receives DUF record and is billed ULST and ULST.

\* Note: Ownership of an unbundled call belongs to the carrier that sets the end user's retail billing rate for that particular call. The owner of the call may or may not bill the end user directly.



## UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

A-4

### DIRECT DIALED INTRALATA

Local Inter-Switch Call

From UNE CLEC A End User

To Verizon South End User

Shared Trunk Port

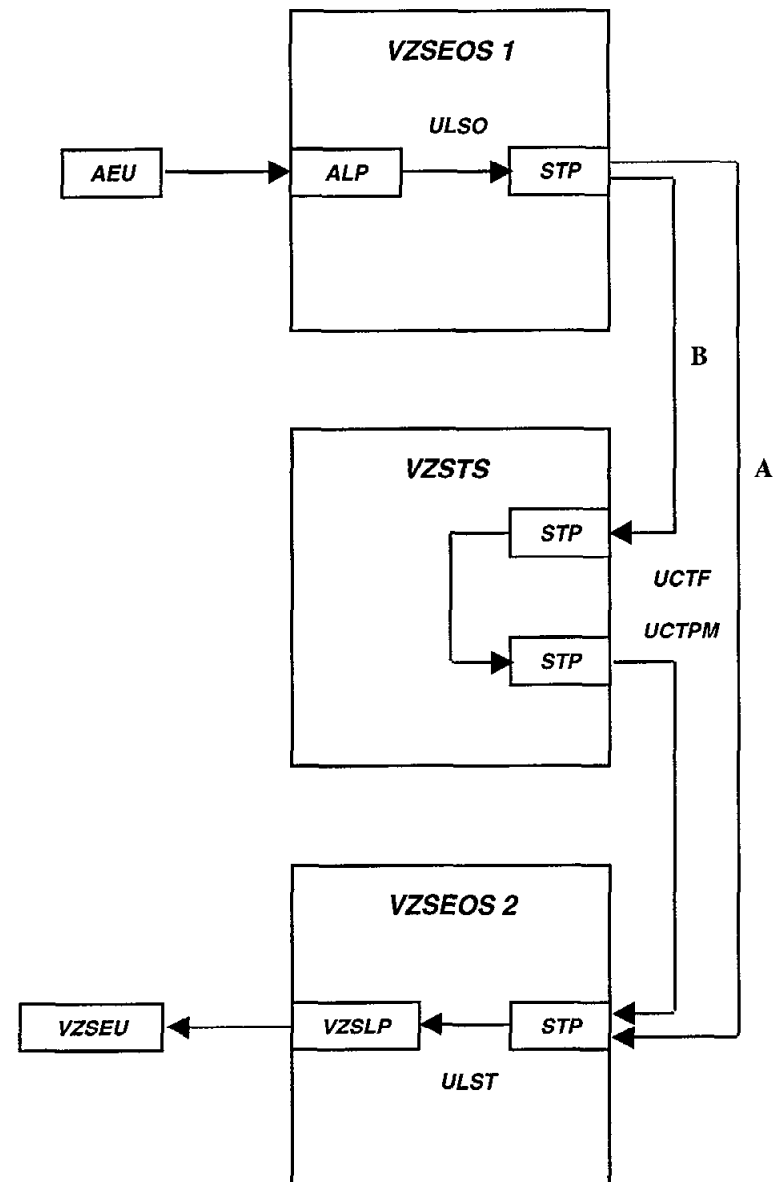
Call Routed Direct (A) or via Tandem (B)

To Verizon South Terminating Switch

In both A and B versions of this scenario UNE CLEC A owns call, receives DUF record, and is billed ULST, UCTF, UCTPM and ULST.

Mileage for UCTPM is from VZSEOS 1 to VZSEOS 2.

UTS is not billed in version B of this scenario, because Verizon-South cannot determine routing method on a per call basis. This applies to all UNE direct dialed intraLATA calls routed via shared trunk port in Verizon South.



## UNBUNDLED CALL SCENARIOS - VERIZON SOUTH

B-2

### ORIGINATING ACCESS

IntraLATA Access Call  
From UNE CLEC A End User  
Shared Trunk Port  
Call Tandem Routed to IXC POP

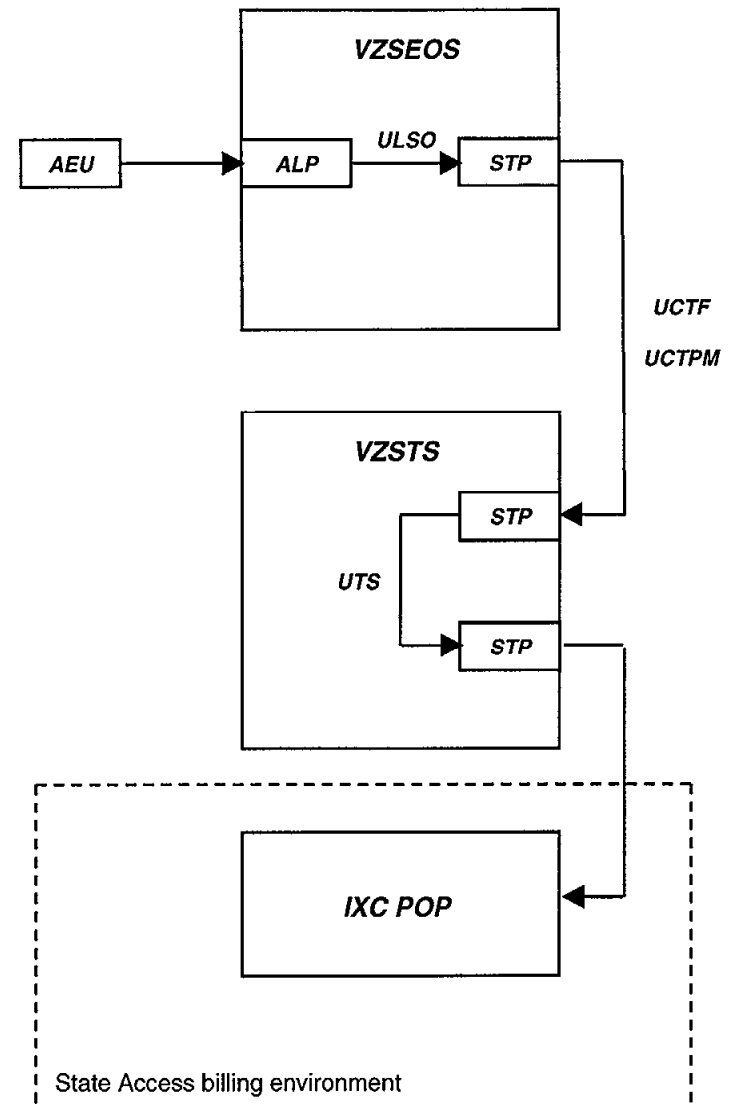
In this scenario IXC owns call, UNE CLEC A receives DUF record and is billed ULSO, UCTF, UCTPM and UTS.

Mileage for UCTPM is from VZSEOS to VZSTS. \*

Call transport from VZSTS to IXC POP is billed in the access billing environment. This applies to all tandem routed UNE originating access calls routed via shared trunk port in Verizon South.

This scenario includes LPIC to carriers other than Verizon South, casual dialed, certain 800/888 calls, DA access calls and OS access calls. It does not include access calls handled by a Verizon operator. (See Operator Services - Live).

\* Note: Due to current system limitations, UCTPM in all tandem routed UNE originating access calls will be billed using a 0 mileage factor.



# Unbundled Call Scenarios Verizon North

Updated: 02/27/2002

## UNBUNDLED CALL SCENARIOS - VERIZON NORTH

The following diagrams represent a series of Verizon North call scenarios involving end users whose local service is provided by a UNE CLEC. Each diagram indicates a) who owns the call (Verizon, IXC or CLEC), b) which UNE CLEC (if any) receives the DUF (Daily Usage File) record, and c) what unbundled usage rate elements (if any) Verizon bills, and to which UNE CLEC. The tables below provide a key to the labels found in the diagrams.

### End User Labels

VZNEU = Verizon North End User  
AEU = CLEC A End User

### Unbundled Usage Charge Labels

ULSO = Unbundled Local Switching Charge - Originating - per MOU  
ULST = Unbundled Local Switching Charge - Terminating - per MOU  
TTSC = Transit Tandem Switching Charge - per MOU  
ULCTC = Unbundled Local Common Transport Charge - per MOU  
UNRCC = Unbundled Verizon North Reciprocal Compensation Charge - per MOU  
USTPC = Unbundled Shared Trunk Port Charge - per MOU  
UTTCC 1 = Unbundled Tandem Transport Charge - End Office to Tandem - per MOU  
UIC = Unbundled ISUP Charge - per Call

In Verizon North all unbundled usage rate elements are billed in CABS.

### Switch Entity/Element Labels

VZNEOS = Verizon North End Office Switch  
VZNTS = Verizon North Tandem Switch  
VZNLP = Verizon North Line Port  
ALP = CLEC A Line Port or Platform  
STP = Shared Trunk Port  
IXC POP = Interexchange Carrier Point Of Presence



## UNBUNDLED CALL SCENARIOS - VERIZON NORTH

A-1

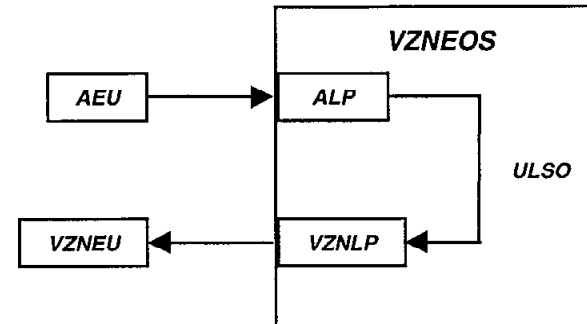
### DIRECT DIALED INTRALATA

Local Intra-Switch Call  
From UNE CLEC A End User  
To Verizon North End User

In this scenario UNE CLEC A owns call \*,  
receives DUF record and is billed ULSC.

UNRCC is not applicable because no trunk port is  
involved.

\* Note: Ownership of an unbundled call belongs  
to the carrier that sets the end user's retail billing  
rate for that particular call. The owner of the call  
may or may not bill the end user directly.



## UNBUNDLED CALL SCENARIOS - VERIZON NORTH

A-4

### DIRECT DIALED INTRALATA

Local Inter-Switch Call

From UNE CLEC A End User

To Verizon North End User

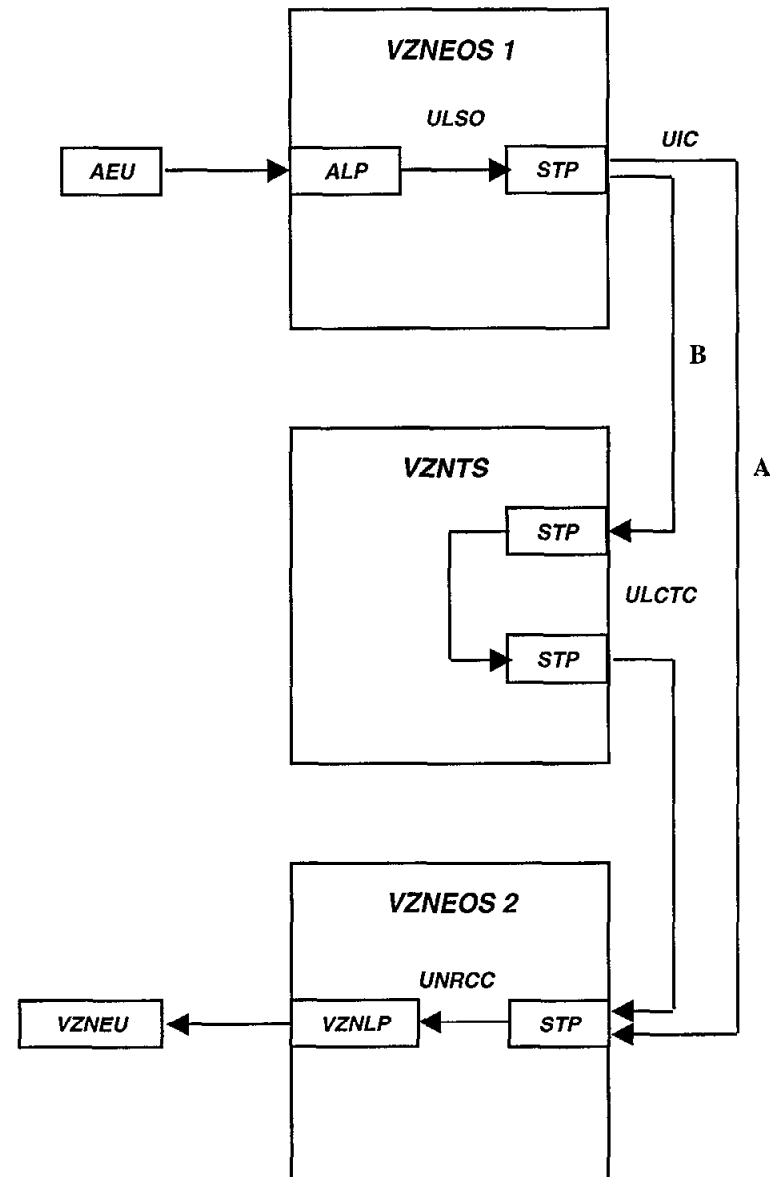
Shared Trunk Port

Call Routed Direct (A) or via Tandem (B)

To Verizon North Terminating Switch

In both A and B versions of this scenario UNE CLEC A owns call, receives DUF record, and is billed ULSC, UIC, ULCTC and UNRCC.

TTSC is not billed in version B of this scenario, because Verizon-North cannot determine the routing method on a per call basis. USTPC is not billed because ULCTC and UTCTC (where applicable) cover shared trunk port as well as transport, plus tandem switching based on the percentage of direct dialed local calls that are tandem routed. This applies to all UNE direct dialed intraLATA calls routed via shared trunk port in Verizon North.



## UNBUNDLED CALL SCENARIOS - VERIZON NORTH

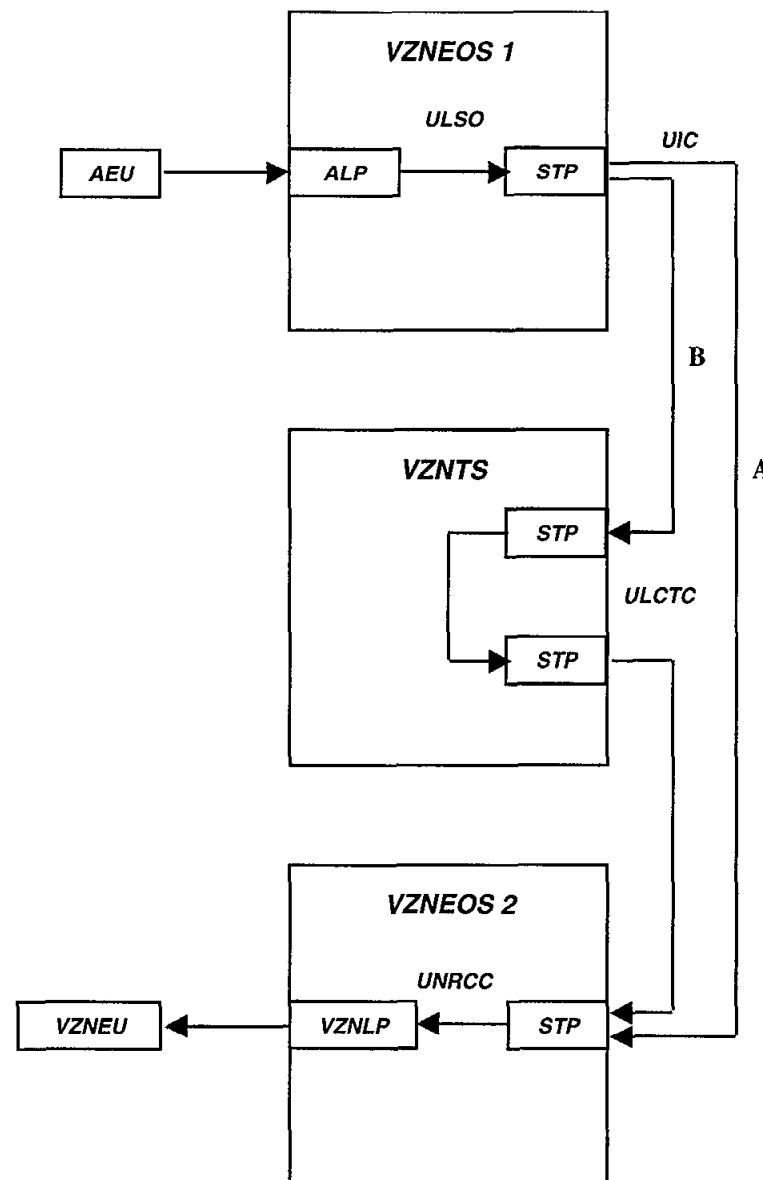
A-5

### DIRECT DIALED INTRALATA

IntraLATA Toll Call - New York  
From UNE CLEC A End User  
To Verizon North End User  
Shared Trunk Port  
Call Routed Direct (A) or via Tandem (B)  
To Verizon North Terminating Switch

In both A and B versions of this scenario UNE CLEC A owns call, receives DUF record, and is billed ULSC, UIC, ULCTC and UNRCC.

If an LPIC other than Verizon-North applies, this scenario will not occur. All intraLATA toll calls will be covered under Originating Access. This applies to all UNE direct dialed intraLATA toll calls in Verizon North.

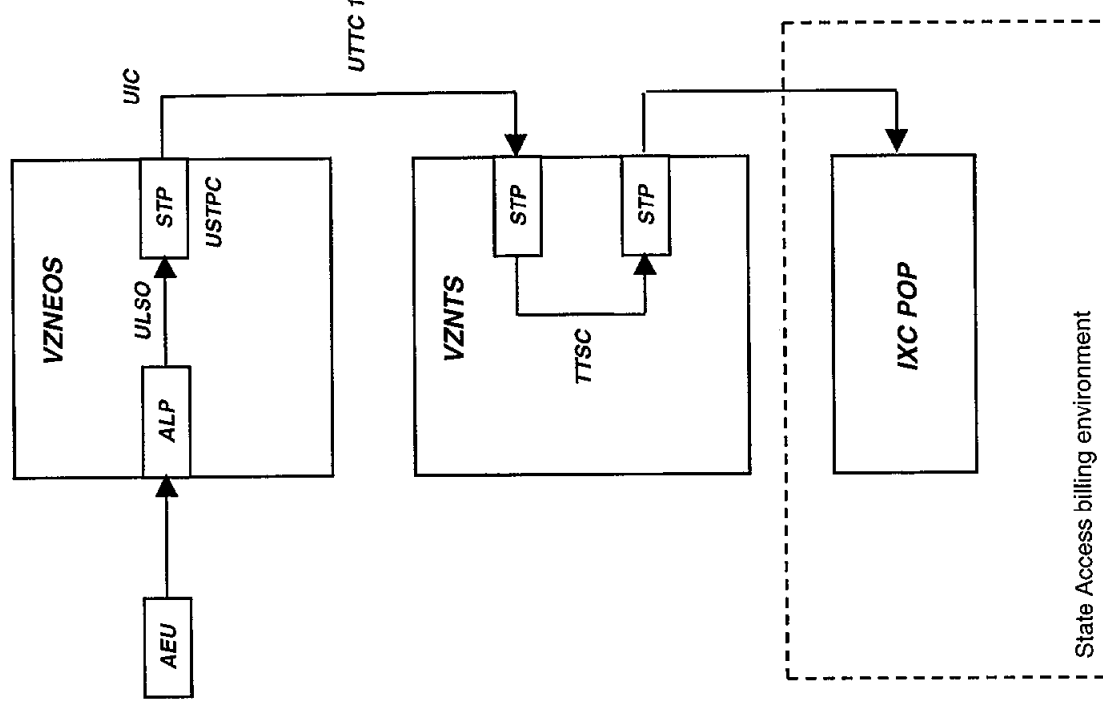


# ORIGINATING ACCESS

IntraLATA Access Call  
From UNE CLEC A End User  
Shared Trunk Port  
Call Tandem Routed to IXC POP

In this scenario IXC owns call. UNE CLECA receives DUF record and is billed ULSC, USTPC, UIC, UTTC 1 and TTSC.

Call transport from VZNTS to IXC POP is billed in the access billing environment. This applies to all tandem routed UNE originating access calls routed via shared trunk port in Verizon North.



**VERIZON RESPONSE TO FCC  
NEW JERSEY USAGE RATE APPLICATION 02/28/02**

**FCC #1:**

Verizon's unbundled local switching per minute of use rates for originating and terminating calls are \$.002773 and \$.002508, respectively. For a local intra-switch call from a UNE-P CLEC end user to a Verizon end user, does the CLEC pay \$.002773 times originating minutes of use for local switching, or \$.002773 plus \$.002508 times originating minutes of use? If neither is the case, what switching per minute of use rates apply to such traffic and how many times do they apply?

**Verizon Response:**

The originating and terminating local switching charges applied to a UNE-P CLEC for a local intra-switch call that is originated from a UNE-P CLEC end user equal the originating minutes of use times the Unbundled Local Switching Originating (ULSO) rate (\$.002773) plus originating minutes of use times the Unbundled Local Switching Terminating derived (ULST) rate (\$.001888).

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

South Diagram A-1

Originating local call UNE-P to VZ end user - intra-switch

\$.002773 - Unbundled Local Switching Originating (ULSO)

\$.001888 - Unbundled Local Switching Terminating derived (ULST)

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**FCC #2:**

For a local inter-switch call from a UNE-P CLEC end user to a Verizon end user, does the CLEC pay \$.002773 plus \$.002508 times originating minutes of use? If not, what switching per minute of use rates apply to such traffic and how many times do they apply?

**Verizon Response:**

The originating and terminating local switching charges applied to a UNE-P CLEC for an inter-switch call that is originated from a UNE-P CLEC end user and terminated to a Verizon end user are, originating minutes of use times Unbundled Local Switching Originating (ULSO) rate (\$.002773) plus originating minutes of use times Unbundled Local Switching Terminating derived (ULST) rate (\$.001888).

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

South Diagram A-4

Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)

\$.002773 - Unbundled Local Switching Originating (ULSO)

\$.000085 - Unbundled Common Transport Fixed (UCTF)

\$.000006 - Unbundled Common Transport Per Mile (UCTPM)

\$.001888 - Unbundled Local Switching Terminating derived (ULST)

\$.0000674 - Transit Tandem Switching (UTS) not currently being applied.

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**VERIZON RESPONSE TO FCC  
NEW JERSEY USAGE RATE APPLICATION 02/28/02**

**FCC #3:**

Does Verizon's unbundled tandem switching rate of \$0.000674 per minute of use apply to a tandem-routed local call from a UNE-P CLEC end user to a Verizon end user? If not, what tandem-switching rate applies to such tandem-routed local traffic?

**Verizon Response:**

Unbundled Transit Tandem Switching does apply to a tandem-routed local call that is originated from a UNE-P CLEC end user and terminated to a Verizon end user. Although Verizon is not currently charging the Unbundled Transit Tandem Switching rate for these calls, Verizon intends to do so as soon as the necessary system modifications are implemented. A derived charge will be used since there is no way to distinguish between direct or tandem routed calls that ride solely on Verizon's network.

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

<p>South Diagram A-4</p> <p><u>Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)</u></p> <p><u>\$0.002773 - Unbundled Local Switching Originating (ULSO)</u></p> <p><u>\$0.000085 - Unbundled Common Transport Fixed (UCTF)</u></p> <p><u>\$0.000006 - Unbundled Common Transport Per Mile (UCTPM)</u></p> <p><u>\$0.001888 - Unbundled Local Switching Terminating derived (ULST)</u></p> <p><u>\$0.000674 - Transit Tandem Switching (UTS) not currently being applied.</u></p>
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**FCC #4:**

Does Verizon's unbundled tandem switching rate per minute of use apply to tandem-routed access traffic between a UNE-P CLEC end user and an IXC POP? If not, what tandem switching rate applies to such tandem-routed access traffic? Does this tandem switching rate apply to tandem-routed intralata toll traffic between a UNE-P CLEC end user and a Verizon end user? If not, what tandem switching rate applies to such tandem-routed intralata toll traffic?

**Verizon Response:**

Unbundled Transit Tandem Switching does apply to tandem-routed access traffic between a UNE-P CLEC end user and IXC POP.

Unbundled Transit Tandem Switching does apply to a tandem-routed intralata toll traffic that is originated from a UNE-P CLEC end user and terminated to a Verizon end user, using solely Verizon's network. Although Verizon is not currently charging the Unbundled Transit Tandem Switching rate, Verizon intends to do so as soon as the necessary system modifications are implemented. A derived charge will be used since there is no way to distinguish between direct or tandem routed calls that ride solely on Verizon's network.

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NEW JERSEY USAGE RATE APPLICATION 02/28/02**

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

South Diagram B-2

Originating intra or interLATA call UNE-P to IXC POP (tandem routed)

\$0.002773 - Unbundled Local Switching Originating (ULSO)

\$0.000085 - Unbundled Common Transport Fixed (UCTF)

\$0.000006 - Unbundled Common Transport Per Mile (UCTPM)

\$0.000674 - Tandem Transit Switching (UTS)

**FCC #5:**

How many times do Verizon's unbundled common transport rates (\$0.000085 per minute of use and \$0.000006 per minute of use per mile) apply to a tandem-routed local call from a UNE-P CLEC end user to a Verizon end user? How many times do Verizon's unbundled common transport rates apply to direct-routed local call from a UNE-P CLEC end user to a Verizon end user? Do Verizon's proposed unbundled common transport rates apply to tandem-routed access traffic between a UNE-P CLEC end user and an IXC POP? If not, what common transport rates apply to such tandem-routed access traffic? Do these common transport rates apply to tandem-routed intralata toll traffic between a UNE-P CLEC end user and a Verizon end user? If not, what common transport rates apply to such tandem-routed intralata toll traffic? Do these common transport rates apply to direct-routed intralata toll traffic between a UNE-P CLEC end user and a Verizon end user? If not, what common transport rates apply to such direct-routed intralata toll traffic?

**Verizon Response:**

The following Unbundled Tandem Transport charges apply to the UNE-P CLEC on a tandem-routed local call that is originated from a UNE-P CLEC end user and terminated to a Verizon end user: originating minutes of use times the Unbundled Common Transport Fixed rate (\$.000085) plus originating minutes of use times airline miles times the Unbundled Common Transport Per Mile rate (\$.000006). Airline miles are calculated from the originating switch to the terminating switch, irrespective of whether there is an intermediate tandem.

The following Unbundled Tandem Transport charges apply to the UNE-P CLEC on a direct-routed local call that is originated from a UNE-P CLEC end user and terminated to a Verizon end user: originating minutes of use times the Unbundled Common Transport Fixed rate (\$.000085) plus originating minutes of use times airline miles times the Unbundled Common Transport Per Mile rate (\$.000006). Airline miles are calculated from the originating switch to the terminating switch, irrespective of whether there is an intermediate tandem.

All charges applied to these types of calls are summarized in the box below and on the referenced diagram.

South Diagram A-4

**VERIZON RESPONSE TO FCC  
NEW JERSEY USAGE RATE APPLICATION 02/28/02**

Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)  
\$0.002773 - Unbundled Local Switching Originating (ULSO)  
\$0.000085 - Unbundled Common Transport Fixed (UCTF)  
\$0.000006 - Unbundled Common Transport Per Mile (UCTPM)  
\$0.001888 - Unbundled Local Switching Terminating derived (ULST)  
\$0.000674 - Transit Tandem Switching (UTS) not currently being applied.

The following Unbundled Tandem Transport charges apply to the UNE-P CLEC on IXC carried access calls originating from or terminating to a UNE-P CLEC end user: originating minutes of use times the Unbundled Common Transport Fixed rate (\$.000085) plus originating minutes of use times airline miles times the Unbundled Common Transport Per Mile rate (\$.000006).

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

South Diagram B-2  
Originating intra or interLATA call UNE-P to IXC POP (tandem routed)  
\$0.002773 - Unbundled Local Switching Originating (ULSO)  
\$0.000085 - Unbundled Common Transport Fixed (UCTF)  
\$0.000006 - Unbundled Common Transport Per Mile (UCTPM)  
\$0.000674 - Tandem Transit Switching (UTS)

The following Unbundled Tandem Transport charges apply to the UNE-P CLEC on tandem-routed intralata toll calls that are originated from a UNE-P CLEC end user and terminated to a Verizon end user, solely using Verizon's network: originating minutes of use times the Unbundled Common Transport Fixed rate (\$.000085) plus originating minutes of use times airline miles times the Unbundled Common Transport Per Mile rate (\$.000006). Airline miles are calculated from the originating switch to the terminating switch, irrespective of whether there is an intermediate tandem.

The following Unbundled Tandem Transport charges apply to the UNE-P CLEC on direct-routed intralata toll calls that are originated from a UNE-P CLEC end user and terminated to a Verizon end user, solely using Verizon's network: originating minutes of use times the Unbundled Common Transport Fixed rate (\$.000085) plus originating minutes of use times airline miles times the Unbundled Common Transport Per Mile rate (\$.000006). Airline miles are calculated from the originating switch to the terminating switch, irrespective of whether there is an intermediate tandem.

All charges applied to these types of calls are summarized in the box below and on the referenced diagram.

South Diagram A-4  
Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)  
\$0.002773 - Unbundled Local Switching Originating (ULSO)  
\$0.000085 - Unbundled Common Transport Fixed (UCTF)  
\$0.000006 - Unbundled Common Transport Per Mile (UCTPM)  
\$0.001888 - Unbundled Local Switching Terminating derived (ULST)  
\$0.000674 - Transit Tandem Switching (UTS) not currently being applied.



**VERIZON RESPONSE TO FCC  
NEW JERSEY USAGE RATE APPLICATION 02/28/02**

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**FCC #6:**

What unbundled signaling rates apply to a local call from a UNE-P CLEC end user to a Verizon end user and how many times do they apply? What unbundled signaling rates apply to intralata toll traffic between a UNE-P CLEC end user and a Verizon end user and how many times do they apply? What unbundled signaling rates apply to access traffic between a UNE-P CLEC end user and an IXC POP and how many times do they apply?

**Verizon Response:**

For CLECs purchasing UNE-P, the signaling costs associated with unbundled local switching are included in the Unbundled Local Switching Originating and Terminating rates.

**VERIZON RESPONSE TO FCC  
NEW YORK USAGE RATE APPLICATION    02/28/02**

**FCC #1:**

Verizon's unbundled local switching per minute of use rates for originating and terminating calls are \$.001147 and \$.001111, respectively. For a local intra-switch call from a UNE-P CLEC end user to a Verizon end user, does the CLEC pay \$.001147 times originating minutes of use for local switching, or \$.001147 plus \$.001111 times originating minutes of use? If neither is the case, what switching per minute of use rates apply to such traffic and how many times do they apply?

**Verizon Response:**

The local switching charges applied to a UNE-P CLEC for a local intra-switch call originated from a UNE-P CLEC end user equal the originating minutes of use times the Unbundled Local Switching Originating rate (\$.001147).

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

North Diagram A-1

Originating local call UNE-P to VZ end user - intra-switch

\$0.001147 - Unbundled Local Switching Originating (ULSO)

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**FCC #2:**

For a local inter-switch call from a UNE-P CLEC end user to a Verizon end user, does the CLEC pay \$.001147 plus \$.001111 times originating minutes of use? If not, what switching per minute of use rates apply to such traffic and how many times do they apply?

**Verizon Response:**

The originating and terminating local switching charges applied to a UNE-P CLEC for an local inter-switch call originated from a UNE-P CLEC end user and terminated to a Verizon end user equal the originating minutes of use times Unbundled Local Switching Originating rate (\$.001147) plus originating minutes of use times Unbundled Verizon North Reciprocal Compensation Charge (UNRCC) rate (\$.001482).

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

North Diagram A-4

Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)

\$0.001147 - Unbundled Local Switching Originating (ULSO)

\$0.000297 - Unbundled ISUP Charge (UIC)

\$0.000939 - Unbundled Local Common Transport (derived) (ULCTC)

\$0.001482 - Unbundled North Reciprocal Compensation Charge (derived) (UNRCC)

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**VERIZON RESPONSE TO FCC  
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**FCC #3:**

Does Verizon's unbundled tandem switching rate of \$0.000481 per minute of use apply to a tandem-routed local call from a UNE-P CLEC end user to a Verizon end user? If not, what tandem-switching rate applies to such tandem-routed local traffic?

**Verizon Response:**

Unbundled Tandem Switching does apply to a tandem-routed local call originated from a UNE-P CLEC end user and terminated to a Verizon end user. The Unbundled Tandem Switching rate (\$.000481) is factored into the Unbundled Local Common Transport (ULCTC) rate element. The calculation assumes that 20% of the traffic uses the tandem switch.

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

North Diagram A-4 <u>Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)</u> \$0.001147 - Unbundled Local Switching Originating (ULSO) \$0.000297 - Unbundled ISUP Charge (UIC) \$0.000939 - Unbundled Local Common Transport (derived) (ULCTC) \$0.001482 - Unbundled North Reciprocal Compensation Charge (derived) (UNRCC)
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**FCC #4:**

Does Verizon's unbundled tandem switching rate per minute of use apply to tandem-routed access traffic between a UNE-P CLEC end user and an IXC POP? If not, what tandem switching rate applies to such tandem-routed access traffic? Does this tandem switching rate apply to tandem-routed intralata toll traffic between a UNE-P CLEC end user and a Verizon end user? If not, what tandem switching rate applies to such tandem-routed intralata toll traffic?

**Verizon Response:**

The Unbundled Tandem Switching rate (\$.000481) applies to tandem-routed IXC access traffic originated from or terminated to a UNE-P CLEC end user. Unbundled Tandem Switching is included in the Transit Tandem Switching rate element.

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

North Diagram B-3 <u>Originating intra or interLATA toll call UNE-P to IXC POP (tandem routed)</u> \$0.001147 - Unbundled Local Switching Originating (ULSO) \$0.000371 - Unbundled Common End Office Trunk Port (USTPC) \$0.000297 - Unbundled ISUP Charge (UIC) \$0.000203 - Unbundled Tandem Common Transport (UTTC1) \$0.001621 - Transit Tandem Switching Charge (derived) (TTSC)
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**VERIZON RESPONSE TO FCC  
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Unbundled Tandem Switching also applies to tandem-routed intralata toll traffic originated from a UNE-P CLEC end user and terminated to a Verizon end user, solely using Verizon's network. The Unbundled Tandem Switching rate (\$.000481) is factored into the Unbundled Local Common Transport (ULCTC) rate element. The calculation assumes that 20% of the traffic uses the tandem switch.

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

North Diagram A-5

Originating intraLATA toll call (NY) UNE-P to VZ end user - (VZ network) (direct or tandem routed)

\$0.001147 - Unbundled Local Switching Originating (ULSO)

\$0.000297 - Unbundled ISUP Charge (UIC)

\$0.000939 - Unbundled Local Common Transport (derived) (ULCTC)

\$0.001482 - Unbundled North Reciprocal Compensation Charge (derived) (UNRCC)

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**FCC #5:**

How many times do Verizon's unbundled common transport rate \$0.000203 apply to a tandem-routed local call from a UNE-P CLEC end user to a Verizon end user? How many times do Verizon's unbundled common transport rate apply to direct-routed local call from a UNE-P CLEC end user to a Verizon end user? Do Verizon's proposed unbundled common transport rate apply to tandem-routed access traffic between a UNE-P CLEC end user and an IXC POP? If not, what common transport rate apply to such tandem-routed access traffic? Do these common transport rate apply to tandem-routed intralata toll traffic between a UNE-P CLEC end user and a Verizon end user? If not, what common transport rate apply to such tandem-routed intralata toll traffic? Do these common transport rate apply to direct-routed intralata toll traffic between a UNE-P CLEC end user and a Verizon end user? If not, what common transport rate apply to such direct-routed intralata toll traffic?

**Verizon Response:**

For an inter-switch tandem-routed local call originated from a UNE-P CLEC end user and terminated to a Verizon end user, the Unbundled Common Transport rate (\$.000203) is factored into the Unbundled Local Common Transport Charge rate element. The Unbundled Local Common Transport charge is derived by calculating the weighted average of a direct-routed call (in which case the unbundled common transport rate is applied once) and a tandem-routed call (in which case the unbundled common transport rate is applied twice). For the purpose of computing the weighted average, Verizon assumes that 80% of calls are direct-routed and 20% are tandem-routed.

For an inter-switch direct-routed local call originated from a UNE-P CLEC end user and terminated to a Verizon end user, the Unbundled Common Transport rate (\$.000203) is used in the weighted average of the Unbundled Local Common Transport Charge rate element. The Unbundled Local Common Transport Charge is derived by calculating the

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weighted average of a direct-routed call (in which case the unbundled common transport rate is applied once) and a tandem-routed call (in which case the unbundled common transport rate is applied twice). For the purpose of computing the weighted average, Verizon assumes that 80% of calls are direct-routed and 20% are tandem-routed.

All charges applied to these types of calls are summarized in the box below and on the referenced diagram.

North Diagram A-4 <u>Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)</u> \$0.001147 - Unbundled Local Switching Originating (ULSO) \$0.000297 - Unbundled ISUP Charge (UIC) \$0.000939 - Unbundled Local Common Transport (derived) (ULCTC) \$0.001482 - Unbundled North Reciprocal Compensation Charge (derived) (UNRCC)
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For tandem-routed IXC carried access calls originating from or terminating to a UNE-P CLEC end user, the Unbundled Common Transport rate (\$.000203) applies.

All charges applied to this type of call are summarized in the box below and on the referenced diagram.

North Diagram B-3 <u>Originating intra or interLATA call UNE-P to IXC POP (tandem routed)</u> \$0.001147 - Unbundled Local Switching Originating (ULSO) \$0.000371 - Unbundled Common End Office Trunk Port (USTPC) \$0.000297 - Unbundled ISUP Charge (UIC) \$0.000203 - Unbundled Tandem Common Transport (UTTC1) \$0.001621 - Transit Tandem Switching Charge (derived) (TTSC)
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For tandem-routed intraLATA toll calls that are originated from a UNE-P CLEC end user and terminated to a Verizon end user solely using Verizon's network, the Unbundled Common Transport rate (\$.000203) is factored into the Unbundled Local Common Transport Charge rate element. The Unbundled Local Common Transport Charge is derived by calculating the weighted average of a direct-routed call (in which case the unbundled common transport rate is applied once) and a tandem-routed call (in which case the unbundled common transport rate is applied twice). For the purpose of computing the weighted average, Verizon assumes that 80% of calls are direct-routed and 20% are tandem-routed.

For direct-routed intraLATA toll calls that are originated from a UNE-P CLEC end user and terminated to a Verizon end user solely using Verizon's network, the Unbundled Common Transport rate (\$.000203) is factored into the Unbundled Local Common Transport Charge rate element. The Unbundled Local Common Transport Charge is derived by calculating the weighted average of a direct-routed call (in which case the

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unbundled common transport rate is applied once) and a tandem-routed call (in which case the unbundled common transport rate is applied twice). For the purpose of computing the weighted average, Verizon assumes that 80% of calls are direct-routed and 20% are tandem-routed.

All charges applied to these types of calls are summarized in the box below and on the referenced diagram.

North Diagram A-5

Originating intraLATA toll call (NY) UNE-P to VZ end user - (VZ network) (direct or tandem routed)

\$0.001147 - Unbundled Local Switching Originating (ULSO)

\$0.000297 - Unbundled ISUP Charge (UIC)

\$0.000939 - Unbundled Local Common Transport (derived) (ULCTC)

\$0.001482 - Unbundled North Reciprocal Compensation Charge (derived) (UNRCC)

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**FCC #6:**

What unbundled signaling rates apply to a local call from a UNE-P CLEC end user to a Verizon end user and how many times do they apply? What unbundled signaling rates apply to intralata toll traffic between a UNE-P CLEC end user and a Verizon end user and how many times do they apply? What unbundled signaling rates apply to access traffic between a UNE-P CLEC end user and an IXC POP and how many times do they apply?

**Verizon Response:**

The Unbundled ISUP Charge applies, on a per message basis, to all UNE-P originated inter-switch calls and to UNE-P terminated calls coming from a third party network.

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**DERIVED RATES:**

\$0.001885 - Transport and Termination (without features)

\$0.002508 - Unbundled Local Switching Terminating (with features)

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**\$0.001888 - Unbundled Local Switching Terminating derived (ULST)**

Verizon intends to apply the ULST, which is a weighted average of the "unbundled local switching terminating with features" rate and the "transport and termination" rate (which represents the cost of unbundled local switching terminating without features) to all minutes where Unbundled Local Switching Terminating charges apply.

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Diagram A-1

Originating local call UNE-P to VZ end user - intra-switch

\$0.002773 - Unbundled Local Switching Originating (ULSO)

\$0.001888 - Unbundled Local Switching Terminating derived (ULST)

Diagram A-4

Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)

\$0.002773 - Unbundled Local Switching Originating (ULSO)

\$0.000085 - Unbundled Common Transport Fixed (UCTF)

\$0.000006 - Unbundled Common Transport Per Mile (UCTPM)

\$0.001888 - Unbundled Local Switching Terminating derived (ULST)

\$0.000674 - Transit Tandem Switching (UTS) not currently being applied

Diagram B-2

Originating intra or interLATA call UNE-P to IXC POP (tandem routed)

\$0.002773 - Unbundled Local Switching Originating (ULSO)

\$0.000085 - Unbundled Common Transport Fixed (UCTF)

\$0.000006 - Unbundled Common Transport Per Mile (UCTPM)

\$0.000674 - Tandem Transit Switching (UTS)

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**DERIVED RATES:**

- \$0.000570 - Common Tandem Trunk Port
- \$0.000570 - Common Tandem Trunk Port
- \$0.000481 - Unbundled Tandem Switching

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**\$0.001621 - Transit Tandem Switching Charge (TTSC)**

- \$0.000371 - Common End Office Trunk Port
- \$0.001111 - Unbundled Local Switching Terminating

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**\$0.001482 - Unbundled North Reciprocal Compensation Charge (UNRCC)**

- \$0.000371 - Common End Office Trunk Port
- \$0.000203 - Unbundled Tandem Common Transport (per leg)
- \$0.000203 - Unbundled Tandem Common Transport (per leg)
- \$0.000481 - Unbundled Tandem Switching (80/20 tandem vs direct)
- \$0.000570 - Common Tandem Trunk Port (80/20 tandem vs direct)
- \$0.000570 - Common Tandem Trunk Port (80/20 tandem vs direct)

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**\$0.000939 - Unbundled Local Common Transport (ULCTC)**

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Diagram A-1

Originating local call UNE-P to VZ end user - intra-switch

\$0.001147 - Unbundled Local Switching Originating (ULSO)

Diagram A-4

Originating local call UNE-P to VZ end user - inter-switch (direct or tandem routed)

\$0.001147 - Unbundled Local Switching Originating (ULSO)

\$0.000297 - SS7 call setup (UIC)

\$0.000939 - Unbundled Local Common Transport (derived) (ULCTC)

\$0.001482 - Unbundled North Reciprocal Compensation Charge (derived) (UNRCC)

Diagram A-5

Originating intraLATA toll call (NY) UNE-P to VZ end user - (VZ network) (direct or tandem routed)

\$0.001147 - Unbundled Local Switching Originating (ULSO)

\$0.000297 - SS7 call setup (UIC)

\$0.000939 - Unbundled Local Common Transport (derived) (ULCTC)

\$0.001482 - Unbundled North Reciprocal Compensation Charge (derived) (UNRCC)

Diagram B-3

Originating intra or interLATA call UNE-P to IXC POP (tandem routed)

\$0.001147 - Unbundled Local Switching Originating (ULSO)

\$0.000371 - Unbundled Common End Office Trunk Port (USTPC)

\$0.000297 - SS7 call setup (UIC)

\$0.000203 - Unbundled Tandem Common Transport (UTTC1)

\$0.001621 - Transit Tandem Switching Charge (derived) (TTSC)